

**Notice of Allowability**

Application No.

09/840,023

Applicant(s)

LEE, SUNG LYONG

Examiner

Paulos M. Natnael

Art Unit

2614

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment after final received 8/22/05.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

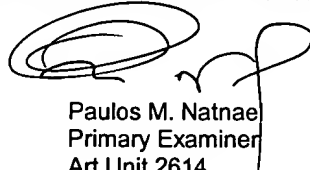
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Paulos M. Natnael  
Primary Examiner  
Art Unit 2614

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 1-8 are allowed.
2. The following is an examiner's statement of reasons for allowance: the prior art, Mendenhall et al being one of the closest, teaches that data sets are transmitted without the color palette but also all of the data sets which include OSD display data, i.e. the pixel data; however, Mendenhall fails to disclose transmitting ID and display location information of an OSD object **without transmitting any of the OSD display data** as in the following combination of limitations:

an OSD display method, comprising, transmitting OSD display data to a display apparatus from an OSD source by giving each OSD display data a peculiar ID in at least more than one OSD object unit; storing received OSD display data in at least more than one OSD object unit in a memory in said display apparatus; transmitting ID and display location information of an OSD object, without transmitting any of the OSD display data, to said display apparatus from said OSD source; reading OSD object display data having a corresponding ID from said memory; and displaying the OSD object display data on a screen in response to the corresponding ID and the display location information of the OSD object, as in claim 1;

an OSD display apparatus, comprising: *an OSD source remote controller for generating an OSD object display command on a screen*; an OSD source for transmitting OSD display data by giving each OSD display data a peculiar ID in at least

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more than one OSD object unit and transmitting an OSD object ID and display location information, transmitting an OSD object ID and display location information without transmitting any of the OSD display data if there is an OSD object display command from said OSD source remote controller; and, a display apparatus for storing at least more than one OSD object display data received from said OSD source in a memory, reading OSD object display data having a corresponding ID from the memory in response to received OSD object ID and display location information, and displaying OSD object display data on a screen; the claimed, as in claim 2;

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paulos M. Natnael whose telephone number is (571) 272-7354. The examiner can normally be reached on 10:00am - 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571)272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Paulos M. Natnael', is written over the printed name.

Paulos M. Natnael  
Primary Examiner  
Art Unit 2614

PMN  
September 27, 2005